

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
 Data File : VX018781.D
 Acq On : 05 Oct 2020 22:09
 Operator : JC/SP
 Sample : L4240-02 40X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3Q9

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.386	45	49	58	rVB	63880	63114	11.36%	1.020%
2	1.697	96	100	106	rVB	51833	62168	11.19%	1.004%
3	2.343	199	206	213	rBV	119368	183863	33.09%	2.971%
4	2.867	275	292	302	rBV	67498	175401	31.57%	2.834%
5	2.995	307	313	322	rVB2	5118	12490	2.25%	0.202%
6	3.148	329	338	347	rBV	113590	262074	47.17%	4.234%
7	3.501	384	396	409	rBV	175799	400148	72.03%	6.465%
8	3.892	452	460	465	rBV8	3515	7950	1.43%	0.128%
9	4.123	490	498	503	rBV4	5509	17235	3.10%	0.278%
10	4.282	515	524	529	rBV5	5432	13497	2.43%	0.218%
11	4.373	529	539	552	rVB	140858	406848	73.23%	6.573%
12	4.556	557	569	570	rBV	44863	91787	16.52%	1.483%
13	5.141	652	665	676	rBV2	75973	236254	42.52%	3.817%
14	5.458	712	717	721	rBV8	2555	5906	1.06%	0.095%
15	5.550	722	732	741	rVB2	14148	43575	7.84%	0.704%
16	6.044	801	813	826	rBV2	181033	535187	96.33%	8.647%
17	6.830	932	942	953	rBV	128045	318492	57.33%	5.146%
18	7.367	1019	1030	1047	rBV	114470	258250	46.48%	4.173%
19	8.373	1188	1195	1204	rBV	71319	120398	21.67%	1.945%
20	8.696	1241	1248	1254	rBV	278023	428330	77.10%	6.920%
21	8.763	1254	1259	1270	rVB	84616	136527	24.57%	2.206%
22	8.994	1290	1297	1307	rBV2	51573	78975	14.22%	1.276%
23	9.427	1362	1368	1380	rBV	374500	555567	100.00%	8.976%
24	9.738	1414	1419	1426	rVB2	16278	23851	4.29%	0.385%
25	10.098	1471	1478	1490	rBV	275016	379011	68.22%	6.124%
26	10.238	1493	1501	1505	rBV2	9140	13922	2.51%	0.225%
27	10.342	1511	1518	1526	rBB	27549	39880	7.18%	0.644%
28	10.683	1569	1574	1578	rBV2	12303	16612	2.99%	0.268%
29	11.006	1621	1627	1633	rBV5	3667	6201	1.12%	0.100%
30	11.232	1658	1664	1670	rBV	125571	160760	28.94%	2.597%
31	11.342	1675	1682	1686	rBV	11527	14601	2.63%	0.236%
32	11.421	1689	1695	1702	rVV	37017	68314	12.30%	1.104%
33	11.488	1702	1706	1711	rVB	20060	24838	4.47%	0.401%
34	11.610	1721	1726	1729	rBV2	15676	21682	3.90%	0.350%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018781.D
Acq On : 05 Oct 2020 22:09
Operator : JC/SP
Sample : L4240-02 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Title : TRACE VOA SOM01.0

35	11.652	1729	1733	1740	rVB2	18550	26781	4.82%	0.433%
36	11.793	1751	1756	1763	rVB	57599	73434	13.22%	1.186%
37	12.061	1795	1800	1807	rVV	286836	372946	67.13%	6.026%
38	12.128	1807	1811	1818	rVB	17258	22868	4.12%	0.369%
39	12.280	1831	1836	1840	rBV2	7462	11351	2.04%	0.183%
40	12.360	1844	1849	1858	rVB	323425	408950	73.61%	6.607%
41	12.652	1892	1897	1902	rBV5	3937	6193	1.11%	0.100%
42	13.006	1951	1955	1958	rVB3	4097	5781	1.04%	0.093%
43	13.329	2003	2008	2012	rBV6	3922	5768	1.04%	0.093%
44	13.628	2051	2057	2065	rVB2	40903	51817	9.33%	0.837%
45	14.000	2113	2118	2125	rVB3	14159	19698	3.55%	0.318%

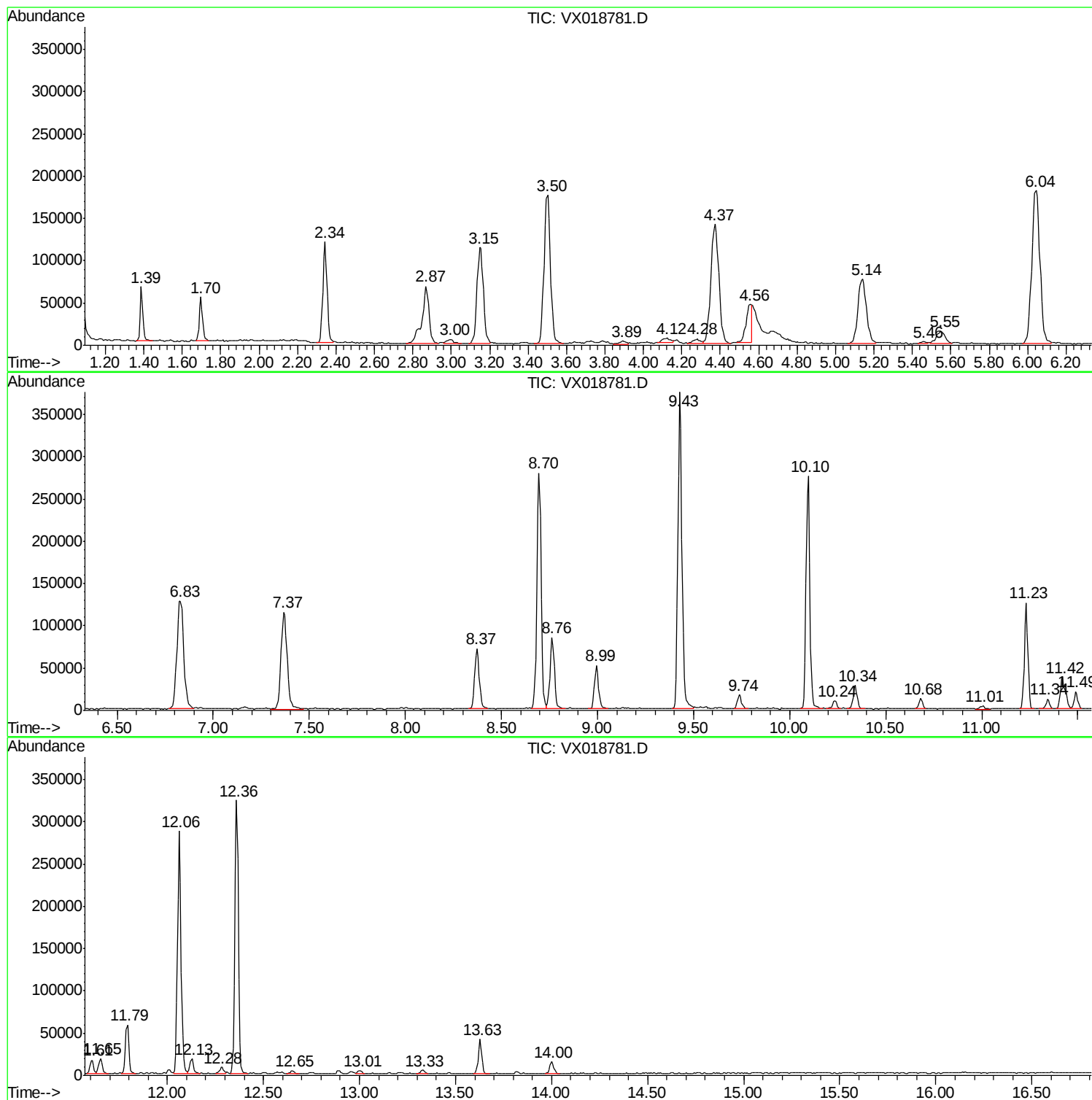
Sum of corrected areas: 6189295

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018781.D
Acq On : 05 Oct 2020 22:09
Operator : JC/SP
Sample : L4240-02 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018781.D
Acq On : 05 Oct 2020 22:09
Operator : JC/SP
Sample : L4240-02 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9

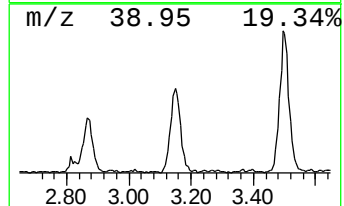
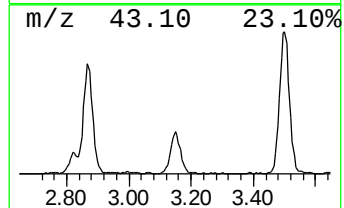
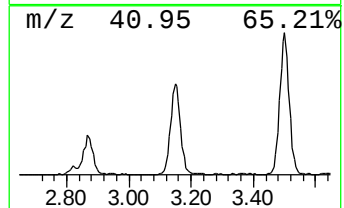
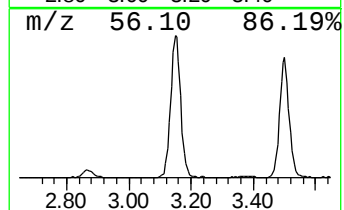
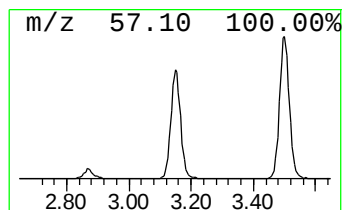
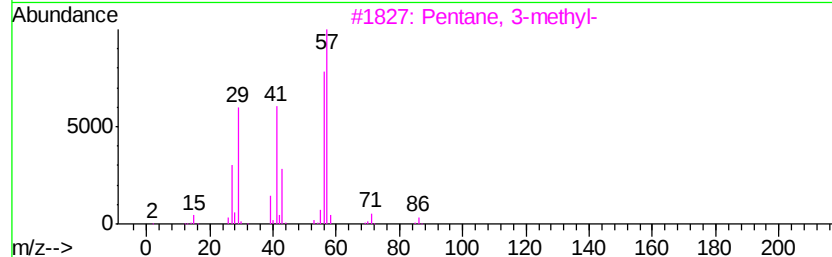
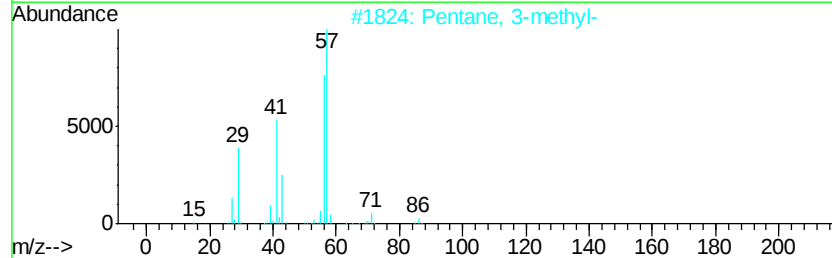
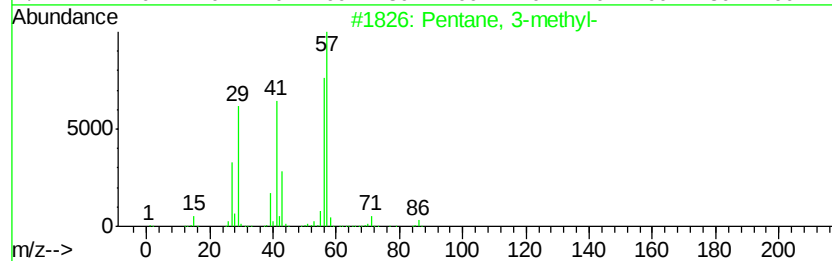
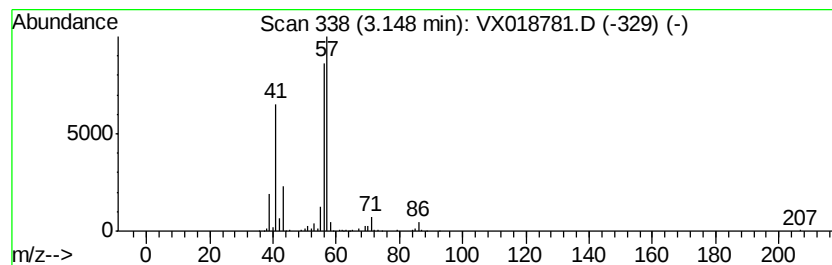
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	4.11 ug/L	262074	1,4-Difluorobenzene	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2			Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3			Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
5			Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018781.D
Acq On : 05 Oct 2020 22:09
Operator : JC/SP
Sample : L4240-02 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9

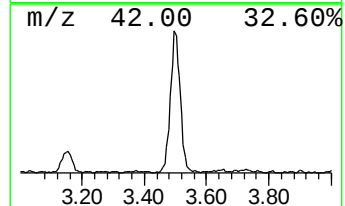
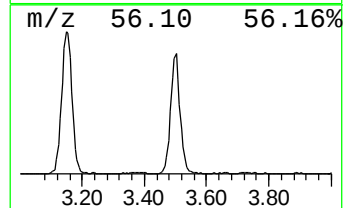
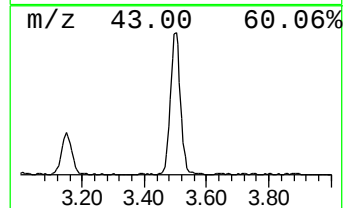
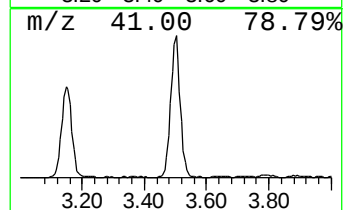
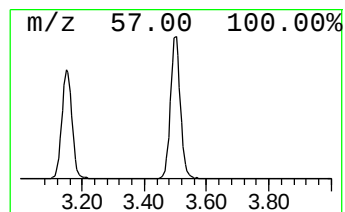
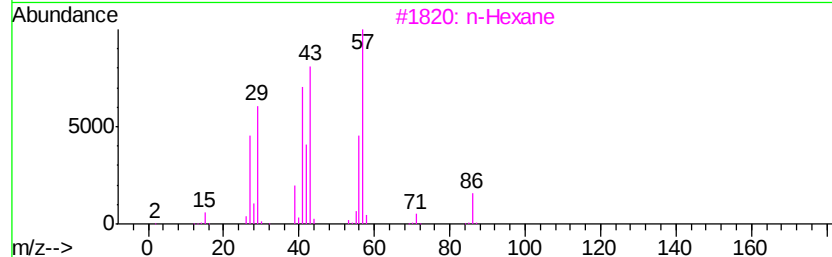
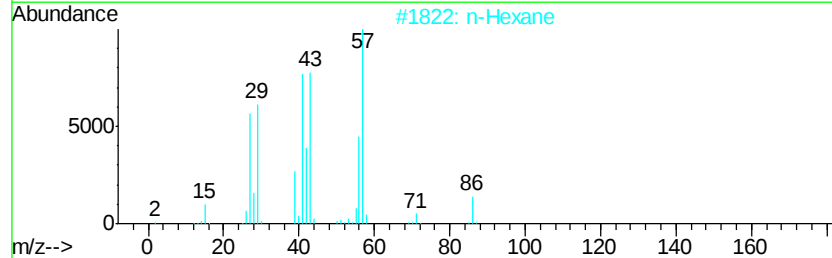
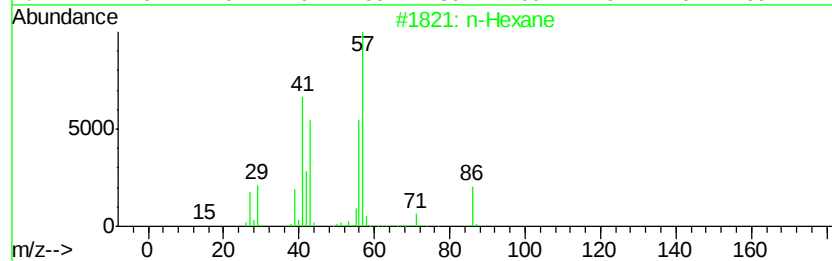
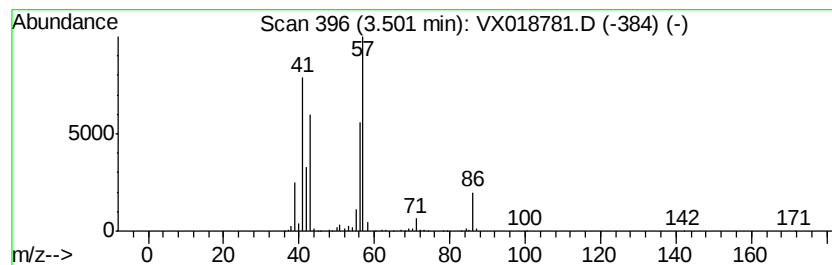
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	6.28 ug/L	400148	1,4-Difluorobenzene	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	94
2		n-Hexane	86	C6H14	000110-54-3	72
3		n-Hexane	86	C6H14	000110-54-3	64
4		Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	53
5		Butanal, 2-methyl-	86	C5H10O	000096-17-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018781.D
Acq On : 05 Oct 2020 22:09
Operator : JC/SP
Sample : L4240-02 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9

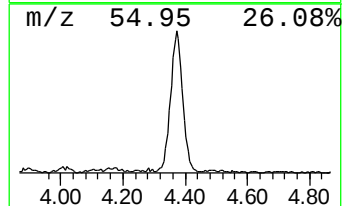
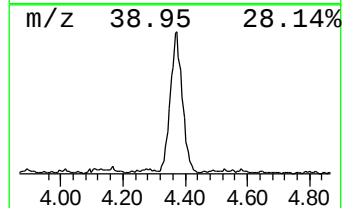
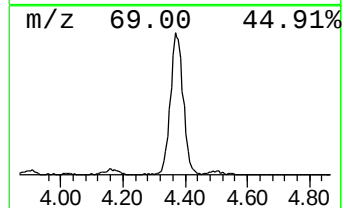
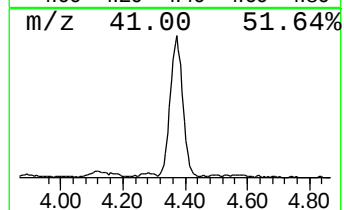
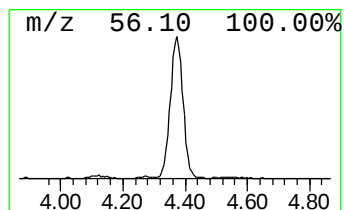
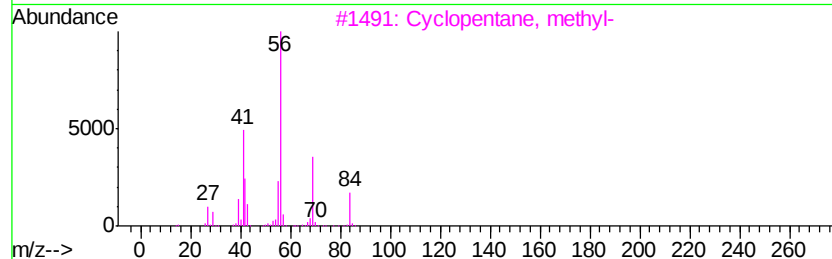
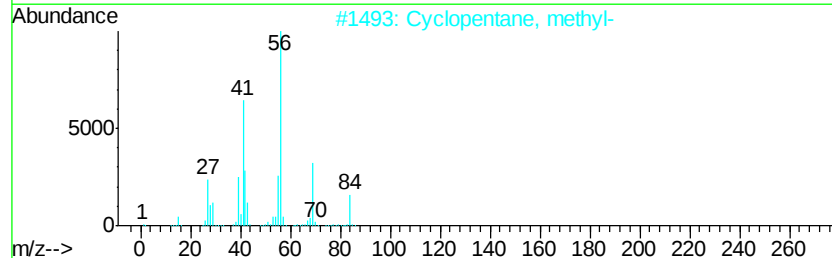
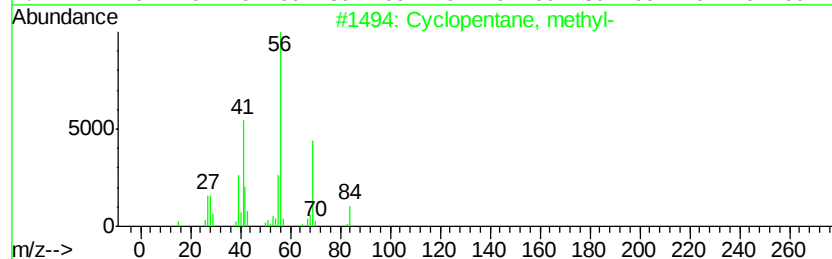
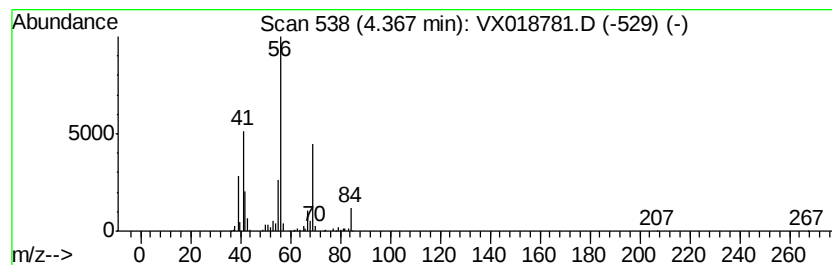
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic4.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	6.39 ug/L	406848	1,4-Difluorobenzene	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4		Cyclohexane	84	C6H12	000110-82-7	72
5		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018781.D
Acq On : 05 Oct 2020 22:09
Operator : JC/SP
Sample : L4240-02 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9

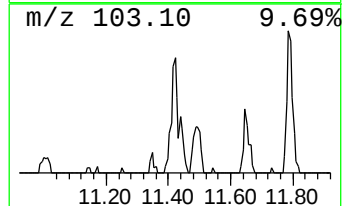
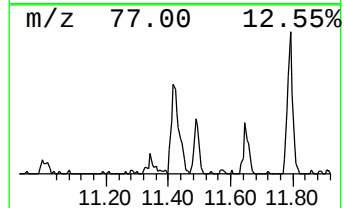
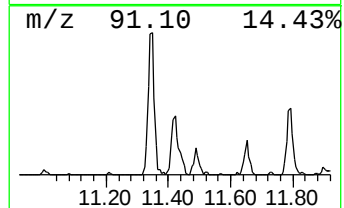
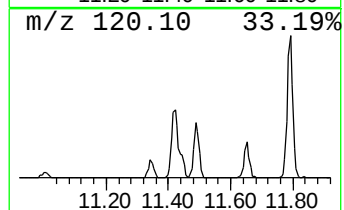
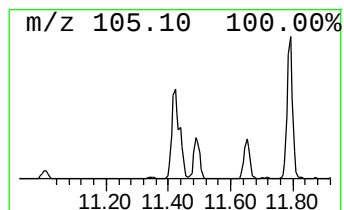
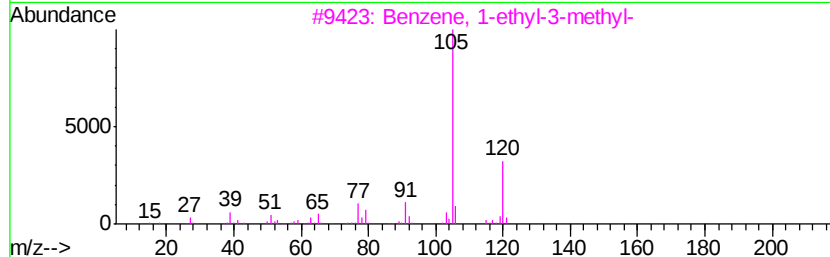
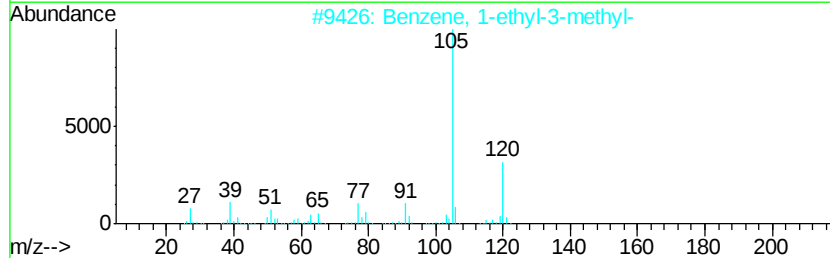
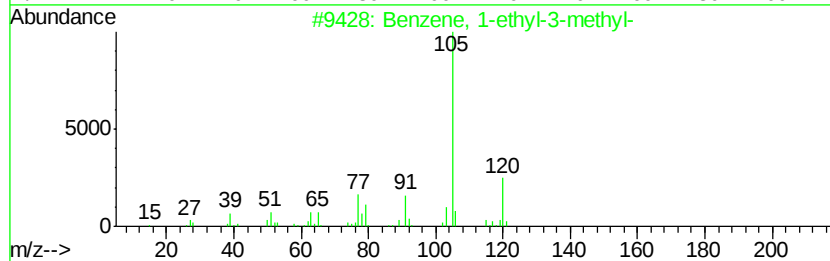
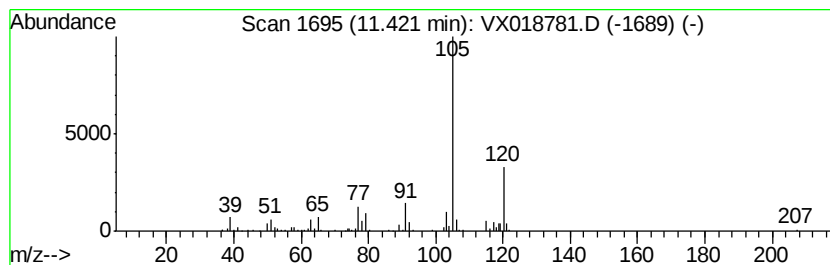
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	0.92 ug/L	68314	1,4-Dichlorobenzene-d4	12.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91	
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90	
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90	
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90	
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90	



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018781.D
Acq On : 05 Oct 2020 22:09
Operator : JC/SP
Sample : L4240-02 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9

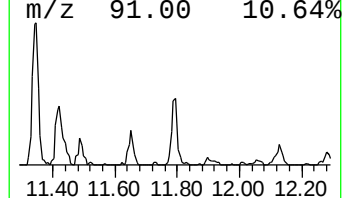
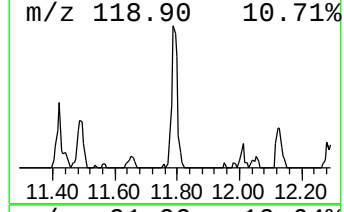
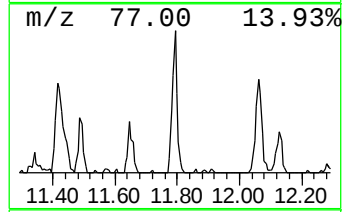
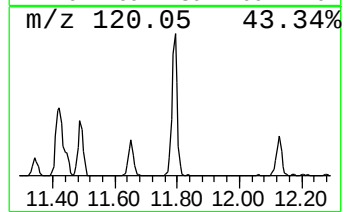
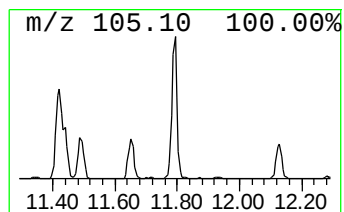
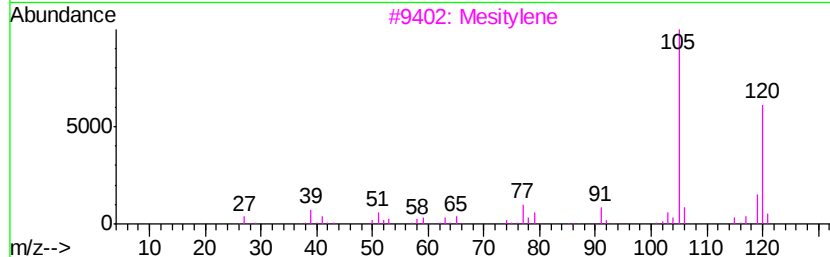
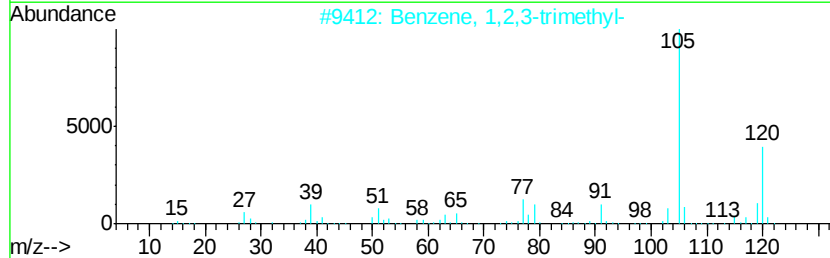
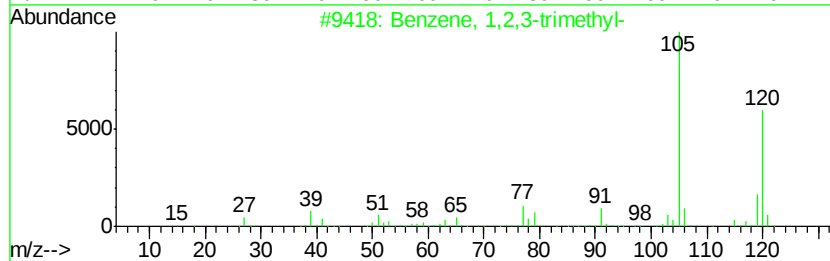
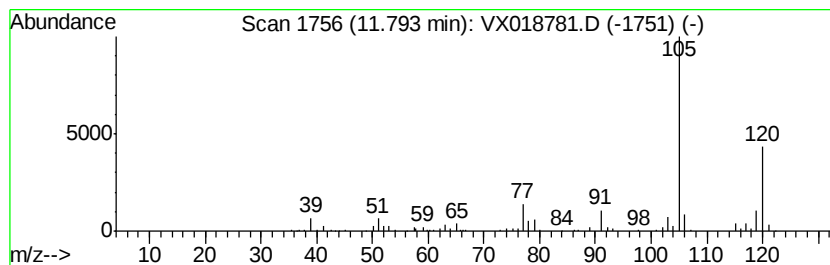
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	0.98 ug/L	73434	1,4-Dichlorobenzene-d4	12.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Mesitylene	120	C9H12	000108-67-8	94
4		Mesitylene	120	C9H12	000108-67-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100520\
Data File : VX018781.D
Acq On : 05 Oct 2020 22:09
Operator : JC/SP
Sample : L4240-02 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	3.15	4.1	ug/L	262074	1	6.82	318492	5.0
(DEL) Alkane: Str...	3.50	6.3	ug/L	400148	1	6.82	318492	5.0
(DEL) Alkane: Cyc...	4.37	6.4	ug/L	406848	1	6.82	318492	5.0
Benzene, 1-ethyl-...	11.42	0.9	ug/L	68314	3	12.06	372946	5.0
Benzene, 1,2,3-tr...	11.79	1.0	ug/L	73434	3	12.06	372946	5.0